

Inventor: Thompson, Bruce

Docket No.: 40134.0001US11

Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT

Serial No.: 10/645,440

GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - [MODELING 05/27/2001]

FILE EDIT VIEW TOOLS OPTIONS REPORTS FORMS WINDOW HELP

MODEL FORM

SCHEDULING DATE: 05/27/2001

1 (TEAM #1) STD
2 (TEAM #1) STD
3 (TEAM #1) STD
4 (TEAM #1) STD
5 (TEAM #1) STD
6 (TEAM #1) STD
7 (TEAM #2) STD
8 (TEAM #2) STD
9 (TEAM #2) STD
10 (TEAM #2) STD
11 (TEAM #2) STD
12 (TEAM #2) ISO

PRIOR WEEK | SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | NEXT WEEK

5:00 AM 6:00 AM 7:00 AM 8:00 AM 9:00 AM 10:00 AM 11:00 AM 12:00 PM 1:00 PM 2:00 PM 3:00 PM 4:00 PM 5:00 PM 6:00 PM 7:00 PM 8:00 PM 9:00 PM 10:00 PM

ACTIVITIES
STAFFING
DIFFERENCE

NO PPTS OUT EMPLOYEES OUT SCHIEFF 0% HPT 00.0 CPT \$000.00 EQUTIL 0% DAILY NOTES EMP LEGEND

FIG.6



8.
G.
F.

GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - MODELING 05/28/2001

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MODEL FORM

SCHEDULING DATE: 05/28/2001

PRIOR WEEK	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	NEXT WEEK
5:00 AM	M	S	S	S	S	S	S	S
6:00 AM	M	S	S	S	S	S	S	S
7:00 AM	M	S	S	S	S	S	S	S
8:00 AM	M	S	S	S	S	S	S	S
9:00 AM	M	S	S	S	S	S	S	S
10:00 AM	M	S	S	S	S	S	S	S
11:00 AM	M	S	S	S	S	S	S	S
12:00 PM	M	S	S	S	S	S	S	S
1:00 PM	M	S	S	S	S	S	S	S
2:00 PM	M	S	S	S	S	S	S	S
3:00 PM	M	S	S	S	S	S	S	S
4:00 PM	M	S	S	S	S	S	S	S
5:00 PM	M	S	S	S	S	S	S	S
6:00 PM	M	S	S	S	S	S	S	S
7:00 PM	M	S	S	S	S	S	S	S
8:00 PM	M	S	S	S	S	S	S	S
9:00 PM	M	S	S	S	S	S	S	S
10:00 PM	M	S	S	S	S	S	S	S

1 (TEAM #1) STD
2 (TEAM #1) STD
3 (TEAM #1) STD
4 (TEAM #1) STD
5 (TEAM #1) STD
6 (TEAM #1) STD
7 (TEAM #2) STD
8 (TEAM #2) STD
9 (TEAM #2) STD
10 (TEAM #2) STD
11 (TEAM #2) STD
12 (TEAM #2) ISO

630

628

EDIT PATIENT PROFILE

DAILY FLOWSHEET

DAILY PATIENT NOTES

DAILY TREATMENT DATA

DAILY PRE-BILLING

CHANGE SCHEDULING STATUS

ADD TIME

SUBTRACT TIME

ADD SECTION

REMOVE SECTION

OPERATIONAL DEFINITION

C-E-RNS (100%) 12.25
C-E-RNH3 (75%) 12.25
C-E-PC3 (75%) 12.25
C-E-PC3 (75%) 12.25

ACTIVITIES 150
STAFFING 159
DIFFERENCE 9

1 PATIENT OUT EMPLOYEES OUT SCHEIFF 103.57% HPT 1.88 CPT \$000.00 EQUUTIL 82% DAILY NOTES EMP. LEGEND

Serial No.: 10/645,440

FIG. 9

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Serial No.: 10/645,440

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GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - MODELING 05/28/2001

FILE EDIT VIEW TOOLS OPTIONS REPORTS FORMS WINDOW HELP

MODEL FORM

SCHEDULING DATE: 05/28/2001

PRIOR WEEK

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

NEXT WEEK

5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM
M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
1 (TEAM #1) STD	#2 PATIENT (D-800)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)	#2 PATIENT (N/A)
2 (TEAM #1) STD	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)	#30 PATIENT (N/A)
3 (TEAM #1) STD	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)	#24 PATIENT (TRANS)
4 (TEAM #1) STD	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)	#31 PATIENT (TRANS)
5 (TEAM #1) STD	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)	#7 PATIENT (N/A)
6 (TEAM #1) STD	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)	#20 PATIENT (N/A)
7 (TEAM #2) STD	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)	#19 PATIENT (N/A)
8 (TEAM #2) STD	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)	#8 PATIENT (N/A)
9 (TEAM #2) STD	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)	#15 PATIENT (N/A)
10 (TEAM #2) STD	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)	#12 PATIENT (N/A)
11 (TEAM #2) STD	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)	#37 PATIENT (N/A)
12 (TEAM #2) ISO	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)	#14 PATIENT (CATH)

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636

EDIT EMPLOYEE PROFILE

SCHEDULE EMPLOYEE

UN-SCHEDULE EMPLOYEE

CHANGE SHIFT ACTIVITY

CHANGE SCHEDULING STATUS

ADD TIME

SUBTRACT TIME

REMOVE EMPLOYEE JOB TYPE

EMPLOYEE TIMESHEET

JOB DESCRIPTION

ACTIVITY DESCRIPTION

100

150

900

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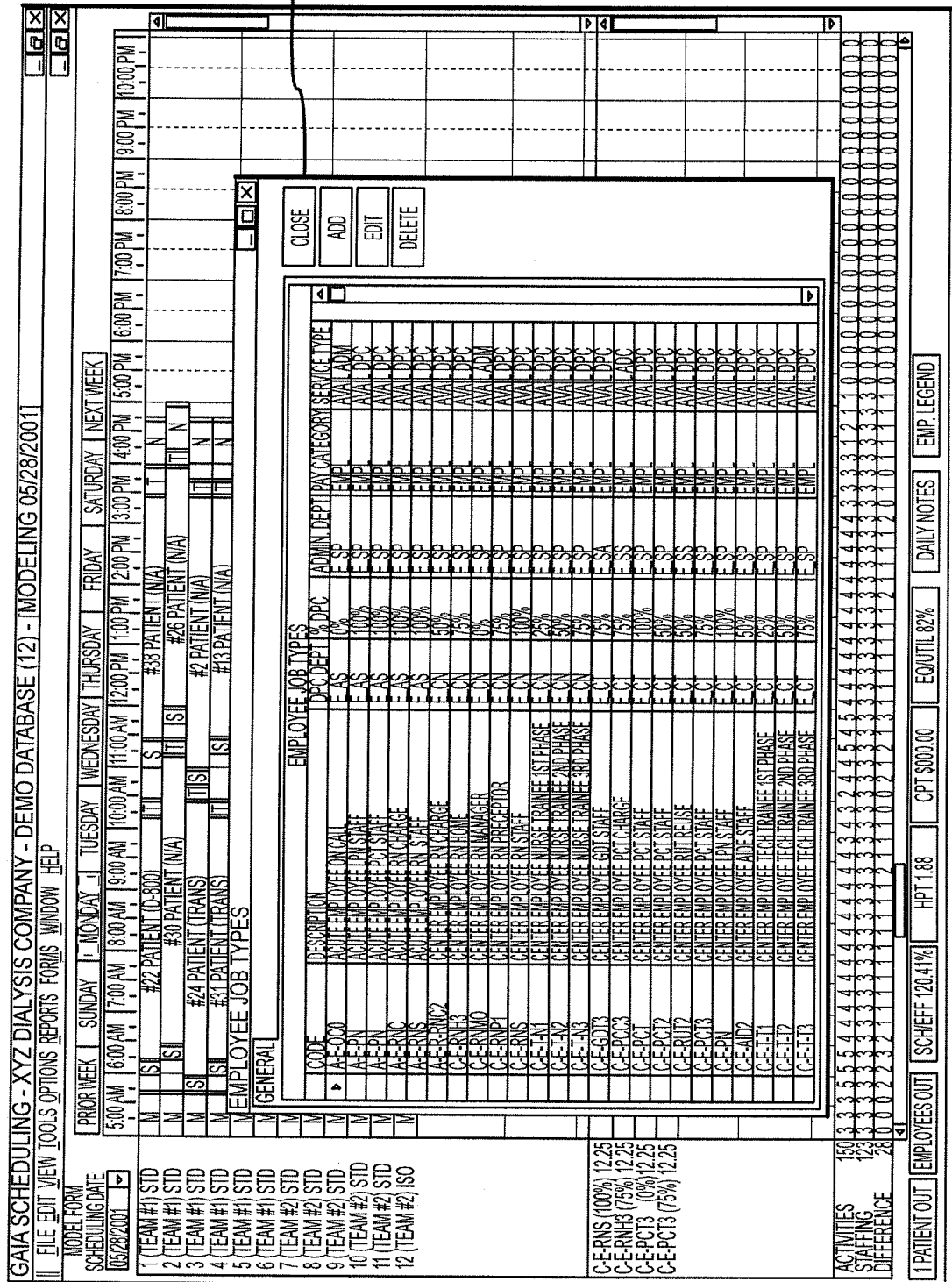
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FIG. 10



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FIG.12

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FIG. 13

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FIG. 14

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FIG. 15

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Docket No.: 40134.0001US11

Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT

Serial No.: 10/645,440

GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - (PATIENT LIST)

FILE EDIT VIEW TOOLS OPTIONS REPORTS FORMS WINDOW HELP

ACTIVE (INACTIVE) ALL

LAST NAME		FIRST	PATIENT ID	DOB	SCH STATUS	MODALITY	RUN TYPE
PATIENT	#7	155991		02/20/1922	ACTV	CIR HEMO	NA
PATIENT	#18	239205		08/08/1939	ACTV	CIR HEMO	NA
PATIENT	#15	085909		08/02/1947	ACTV	CIR HEMO	NA
PATIENT	#30	067085		09/07/1940	ACTV	CIR HEMO	NA
PATIENT	#8	240019		03/28/1953	ACTV	CIR HEMO	NA
PATIENT	#10	168026		02/27/1933	ACTV	CIR HEMO	NA
PATIENT	#9	183537		03/06/1937	ACTV	CIR HEMO	NA
PATIENT	#11	132224		09/06/1939	ACTV	CIR HEMO	NA
PATIENT	#9	265300		02/13/1947	ACTV	CIR HEMO	NA
PATIENT	#6	173947		07/28/1934	ACTV	CIR HEMO	NA
PATIENT	#37	234731		01/26/1930	ACTV	CIR HEMO	NA
PATIENT	#13	214193		10/30/1939	ACTV	CIR HEMO	NA
PATIENT	#31	140932		08/16/1949	ACTV	CIR HEMO	TRANS
PATIENT	#2	252778		11/17/1946	ACTV	CIR HEMO	NA
PATIENT	#24	255952		07/16/1938	ACTV	CIR HEMO	TRANS
PATIENT	#38	017671		05/08/1941	ACTV	CIR HEMO	NA
PATIENT	#22	140003		07/07/1978	ACTV	CIR HEMO	D-800
PATIENT	#26	146665		10/21/1918	ACTV	CIR HEMO	NA
PATIENT	#20	255534		10/24/1945	ACTV	CIR HEMO	NA
PATIENT	#36	045770		11/27/1907	DEC	CIR HEMO	NA
PATIENT	#4	262649		12/28/1940	ACTV	CIR HEMO	NA
PATIENT	#28	269362		01/24/1931	ACTV	CIR HEMO	NA
PATIENT	#23	143792		10/25/1924	ACTV	CIR HEMO	NA
PATIENT	#32	060968		12/04/1946	ACTV	CIR HEMO	NA
PATIENT	#29	099150		02/08/1948	ACTV	CIR HEMO	NA
PATIENT	#5	159708		05/11/1924	ACTV	CIR HEMO	NA
PATIENT	#12	133385		12/09/1947	ACTV	CIR HEMO	NA
PATIENT	#35	093156		05/26/1971	ACTV	CIR HEMO	NA
PATIENT	#1	038919		03/01/1922	ACTV	CIR HEMO	NA
PATIENT	#16	204175		11/09/1934	ACTV	CIR HEMO	NA
PATIENT	#25	269425		11/07/1910	ACTV	CIR HEMO	NA
PATIENT	#33	033322		08/30/1926	ACTV	CIR HEMO	NA
PATIENT	#17	105730		07/04/1948	ACTV	CIR HEMO	NA
PATIENT	#3	24284		09/03/1935	ACTV	CIR HEMO	ISO
PATIENT	#14	050998		08/15/1958	ACTV	CIR HEMO	CATHL
PATIENT	#34	217599		07/31/1974	ACTV	CIR HEMO	NA
PATIENT	#27	268097		10/15/1929	ACTV	CIR HEMO	NA
PATIENT	#38			07/21/2000	DEC	CIR HEMO	D-800

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CLOSE ADD EDIT DELETE

FIG.17

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GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - [PATIENT LIST]

FILE EDIT VIEW TOOLS OPTIONS REPORTS FORMS WINDOW HELP

ACTIVE INACTIVE ALL

EMPLOYEES

LAST NAME	FIRST NAME	EMPLOYEE ID	LOGIN ID	DOB	SCH STATUS (DPC%)	JOB TYPE (DPC%)	ACTIVE/INACTIVE
ADMINISTRATOR	SAM	11-11-111	SA111	040857	AVL ADM (0%)	E-AD (0%)	ACTIVE
CLERK	BOBBY	11-11-118	BC118	021101	AVL DPC (100%)	C-E-GD13 (75%)	ACTIVE
NURSE	DONNA	11-11-120	DN120	041901	TERM (0%)	A-E-RN1 (100%)	INACTIVE
NURSE	SHEILA	11-11-119	SN119	041901	YER (0%)	C-E-RN2 (50%)	ACTIVE
NURSE	MARY	11-11-114	MT114	021101	AVL DPC (100%)	C-E-RN1 (100%)	ACTIVE
NURSE	JILL	11-11-113	JN113	021101	AVL DPC (100%)	C-E-RN1 (100%)	ACTIVE
NURSE	SUSAN	11-11-112	SN112	021101	AVL DPC (100%)	C-E-RN1 (100%)	ACTIVE
REUSE	HERALD	11-11-122	HR122	041901	AVL DPC (100%)	C-E-RN1 (100%)	ACTIVE
TECH	DYLAN	11-11-129	DT123	042701	AVL DPC (100%)	C-E-RN1 (100%)	ACTIVE
TECH	RANDY	11-11-121	RT121	041901	TRN2 (50%)	C-E-T12 (50%)	ACTIVE
TECH	MARK	11-11-116	MT116	021101	AVL DPC (100%)	C-E-PD12 (50%)	ACTIVE
TECH	BEN	11-11-115	BT115	021101	AVL DPC (100%)	C-E-PD1 (100%)	ACTIVE
TECH	JOHN	11-11-117	JT117	021101	AVL DPC (100%)	C-E-PD13 (75%)	ACTIVE

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CLOSE ADD EDIT DELETE

FIG.18

GAIA SCHEDULING - XYZ DIALYSIS COMPANY - DEMO DATABASE (12) - [MODELING 05/28/2001]										
FILE EDIT VIEW TOOLSOPTIONS REPORTS FORMS WINDOW HELP										
PRINT SCREEN										
REFRESH ALL										
RESET DAILY PATIENT SCHEDULE										
REVIEW DAILY SCHEDULING NOTES										
RELOAD EMP PRIOR WEEK SAME DAY										
RELOAD EMP PRIOR WEEK ALL DAYS										
OVERLAP WARNING										
UNLOCK MODEL FORM										
MODEL FORM	SCHEDULING DATE	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	8:00 PM	9:00 PM	10:00 PM
1 TEAM #1 STD	05/20/2001									
2 TEAM #1 STD										
3 TEAM #1 STD										
4 TEAM #1 STD										
5 TEAM #1 STD										
6 TEAM #1 STD										
7 TEAM #2 STD										
8 TEAM #2 STD										
9 TEAM #2 STD										
10 TEAM #2 STD										
11 TEAM #2 STD										
12 TEAM #2 ISO										
CENTER EMPLOYEE RN STAFF CENTER EMPLOYEE RN HOME CENTER EMPLOYEE PCT STAFF CENTER EMPLOYEE PCT STAFF										
C-E-RNS (100%) 12.25 C-E-RNH3 (75%) 12.25 C-E-PCT3 (75%) 12.25 C-E-PCT3 (75%) 12.25										
ACTIVITIES 150 STAFFING 150 DIFFERENCE 90										
1 PATIENT OUT [EMPLOYEES OUT] [SCHIEFF 103.57%] [HPT 1.88] [CPT \$000.00] [EQUTIL 82%] [DAILY NOTES] [EMP. LEGEND]										

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MODEL FORM

SCHEDULING DATE: 05/28/2001

PRIOR WEEK | SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | NEXT WEEK

	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM
1 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
2 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
3 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
4 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
5 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
6 (TEAM #1) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
7 (TEAM #2) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
8 (TEAM #2) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
9 (TEAM #2) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
10 (TEAM #2) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
11 (TEAM #2) STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
12 (TEAM #2) ISO	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

SCHEDULING EFFICIENCY REPORT

GENERAL

SUMMARY

REPORT DATE: 05/28/2001

MISSSED TREATMENTS: 1

DELIVERED TREATMENTS: 25

PATIENT ACTIVITIES: 150

PATIENT CARE STAFF UNITS: 196

DIFFERENCE BEFORE ADJUSTMENTS: 46

SCHEDULING EFFICIENCY %: 75.53%

ADJUSTMENTS (LUNCH): 8

ADJUSTMENTS (BREAKS): 12

ADJUSTMENTS (NON-PATIENT CARE): 68.00

DIFFERENCE AFTER ADJUSTMENT: -40

STAFFING EFFICIENCY %: 120.41%

ADJUSTMENTS ARE CALCULATED AS FOLLOWS: 12 HOUR LUNCH FOR EACH SHIFT OVER 4 1/2 HOURS LONG. 1/4 HOUR BREAK FOR EACH 4 HOURS OF WORK. PLUS ALL DPS STAFF NON-PATIENT CARE TIME. YOU MAY MODIFY THE ADJUSTMENTS ENTRY IF YOU WISH.

ACTIVITIES 150

STAFFING 196

DIFFERENCE 46

1 PATIENT OUT | EMPLOYEES OUT | SCHIEFF 120.41% | HPT 1.88 | CPT \$800.00 | EQUUTIL 82% | DAILY NOTES | EMP. LEGEND

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FIG.22

REPLACEMENT DRAWING

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HOURS PER TREATMENT REPORT	
GENERAL	
SUMMARY	
REPORT DATE:	05/28/2001
TOTAL TREATMENTS:	25
PATIENT CARE HOURS WORKED:	29.38
PATIENT CARE HPT:	1.18
ADMINISTRATIVE HOURS WORKED:	17.63
ADMINISTRATIVE HPT:	0.71
TOTAL HPT:	1.88
ADJUSTMENTS TO HOURS WORKED ARE CALCULATED AS FOLLOWS: 1/2 HOUR LUNCH FOR EACH SHIFT OVER 4 1/2 HOURS LONG.	

PRINT

CANCEL

FIG.23

Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

[illegible]

FIG. 26

Inventor: Thompson, Bruce

Docket No.: 40134.0001US11

Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT

Serial No.: 10/645,440

Gaia Scheduling - NRAA 2002 [Modeling 07/15/2003]

File Edit Location View Data Tools Patients Employees Forms Options Window Help

Model Form
Scheduling Date 7/15/03

Prior Week Sunday Monday Tuesday Wednesday Thursday Friday Saturday Next Week

	4:00 am	5:00 am	6:00 am	7:00 am	8:00 am	9:00 am	10:00 am	11:00 am	12:00 pm	1:00 pm	2:00 pm	3:00 pm	4:00 pm	5:00 pm	6:00 pm	7:00 pm	8:00 pm	9:00 pm	10:00 pm
1 [ACTV] STD	M	S																	
2 [ACTV] STD	M	S																	
3 [ACTV] STD	M	S																	
4 [ACTV] STD	M	S																	
5 [ACTV] STD	M	S																	
6 [ACTV] STD	M	S																	
7 [ACTV] STD	M	S																	
8 [ACTV] STD	M	S																	
9 [ACTV] STD	M	S																	
10 [ACTV] STD	M	S																	
11 [ACTV] STD	M	S																	
12 [ACTV] STD	M	S																	

Staffing Model Grid

Ideal Staff Scheduling - Acceptable Shift Lengths

2800 2802 2804 2806

OK Cancel

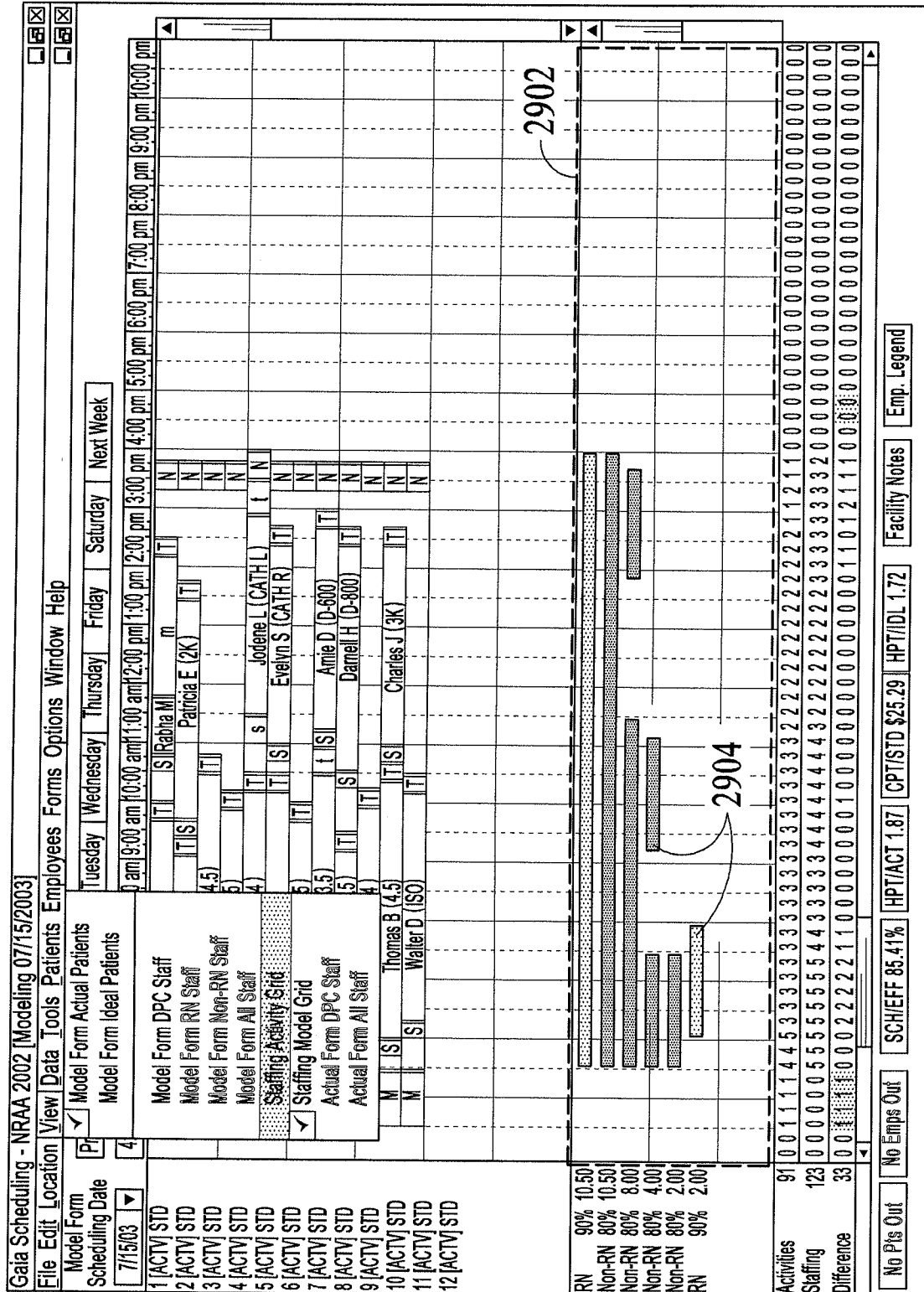
91 90% 11.00
Non-RN 80% 10.25
Non-RN 80% 8.25
Non-RN 80% 1.25

Activities
Staffing
Difference

No Pts Out No Emps Out SCIEFF 97.90% HPT/ACT 1.55 CPT/STD \$21.22 HPT/IDL 1.72 Facility Notes Emp. Legend

FIG.28

Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440
Sheet 2 of 43



Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

Gaia Scheduling - NRAA 2002 [Modeling 07/15/2003]

File Edit Location View Data Tools Patients Employees Forms Options Window Help

Model Form
Scheduling Date 7/15/03 ▾

Prior Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Next Week
	4:00 am 5:00 am 6:00 am 7:00 am 8:00 am 9:00 am 10:00 am 11:00 am 12:00 pm 1:00 pm 2:00 pm 3:00 pm 4:00 pm 5:00 pm 6:00 pm 7:00 pm 8:00 pm 9:00 pm 10:00 pm							
M IS	William S (4)	T IS	S Rabra M	m	N			
M IS	Pearl D (3.5)	T IS	Patricia E (2K)	T	N			

> Patient Profile - William S 3202 3200

General	Address	Contacts	Acuity	P&R	Schedule	Mech	Medts	Ancillary	Access	Hosp	R.D.	S.W.
Patient Treatment Schedule												
Day	Station	Start Time	End Time	Setup 1 (15)	Setup 2 (30)	Run (15)	Monitor (15)	Takeoff 1 (15)	T			
Sun												
Mon												
Tue 1		5:45 am	9:45 am	0 hr 15 min		4 hr 0 min		0 hr 15 min				
Wed												
Thu 1		5:45 am	9:45 am	0 hr 15 min		4 hr 0 min		0 hr 15 min				
Fri												
Sat 1		5:45 am	9:45 am	0 hr 15 min		4 hr 0 min		0 hr 15 min				

Create/Change Entire Schedule

Treatment Days TRS ... Station 1 Start Time 5:45 am Duration 4 hr 0 min End Time 9:45 am Set Schedule Grid

Patient Treatment Activities

Select Acuity: 0 / ▾ N/A ▾ Run ▾ N/A ▾ N/A ▾

Definition: Run Time Only

OK Cancel Flowsheet Notes Treatment Pre-Billing Labs Print

3204

No Pts Out	No Emps Out	SCHIEFF 66.01%	HPT/ACT 2.24	CPT/STD \$30.00	HPT/IDL 1.72	Facility Notes	Emp. Legend
Activities	91	0	0	1	1	1	1
Staffing	168	0	0	2	3	4	4
Difference	77	0	0	1	1	2	2

FIG. 32

FIG. 33

3204

FIG.34

FIG. 35

FIG. 36

FIG. 37

Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

FIG. 38

Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

FIG. 39

FIG. 40

4100

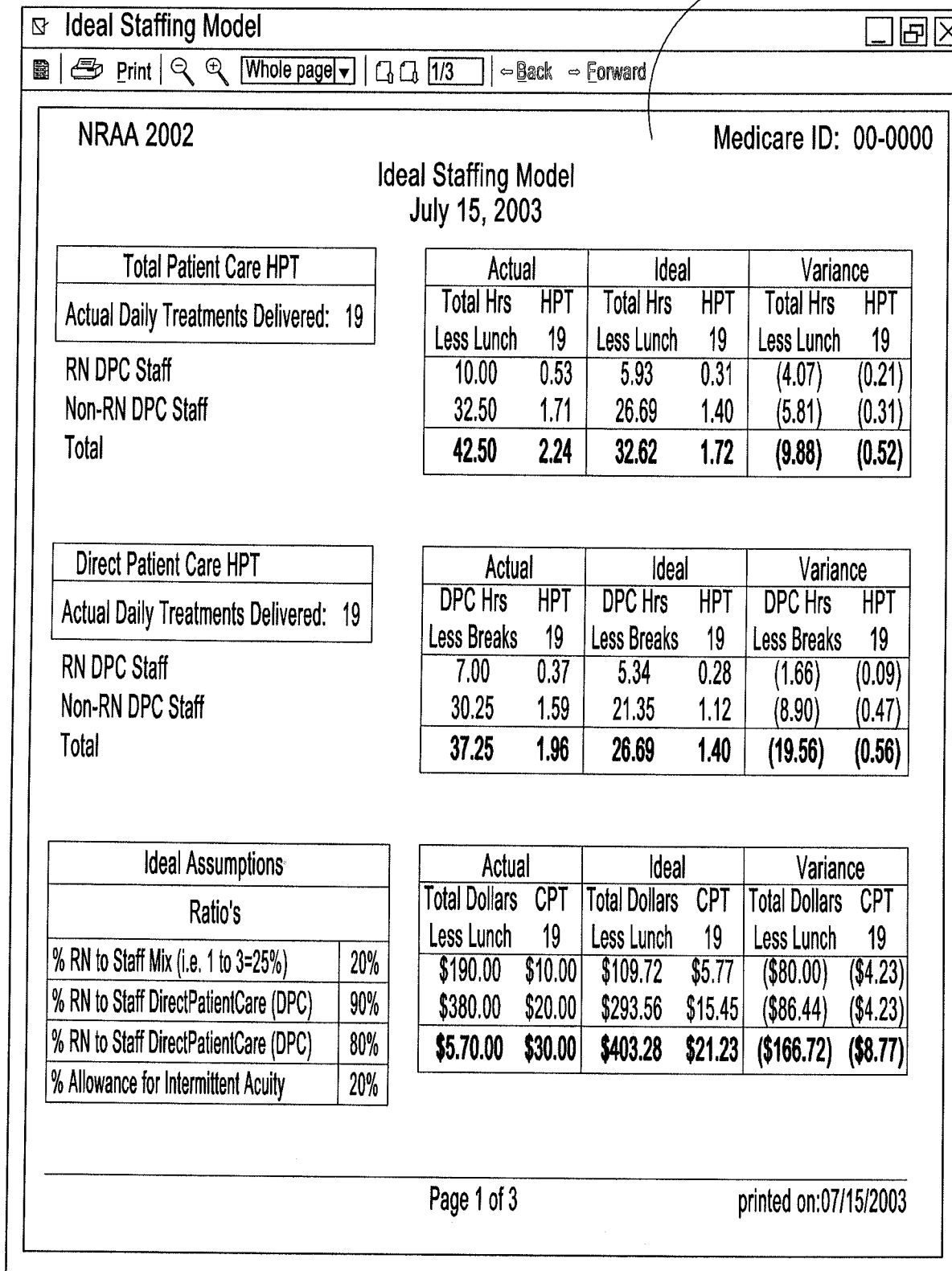


FIG.41

4200

Patient Treatment Activities						Actual DPC Activity		Actual DPC Staff Mix		
Actual Daily Treatments Delivered:						Activity Time Min	# of Activities	DPC Hours	RN 20%	Non-RN 80%
Setup 1	S	Setup Time (standard)				12.0	17	3.40	0.68	2.72
Setup 2	s	Setup Time (complex)				10.0	4	0.67	0.13	0.53
Run	R	Run Time PT Monitoring (standard)				3.0	285	14.25	2.85	11.40
Monitor	m	Run Time PT Monitoring (complex)				5.0	10	0.83	0.17	0.67
Takeoff 1	T	Setup Time (standard)				6.0	17	1.70	0.34	1.38
Takeoff 2	t	Takeoff Time (complex)				7.5	4	0.50	0.10	0.40
Disinfect	d	Disinfect Machine				1.0	0	0.00	0.00	0.00
							337	21.35	4.27	17.08
								5.34	1.07	4.27
								26.69	5.34	21.35

Allowance of Intermittent Acuity 20%

Patient Treatment Activities							
Job Type	% DPC	Shift Activity	Employee Status	% DPC	Total Hours	Admin Total	DPC Hours
RN	90%	Direct Patient Care	AVAIL DPC	100%	5.93	0.59	5.34
Non-RN	80%	Direct Patient Care	AVAIL DPC	100%	26.59	5.34	21.35
Total					32.62	5.93	26.69

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FIG.42

4300

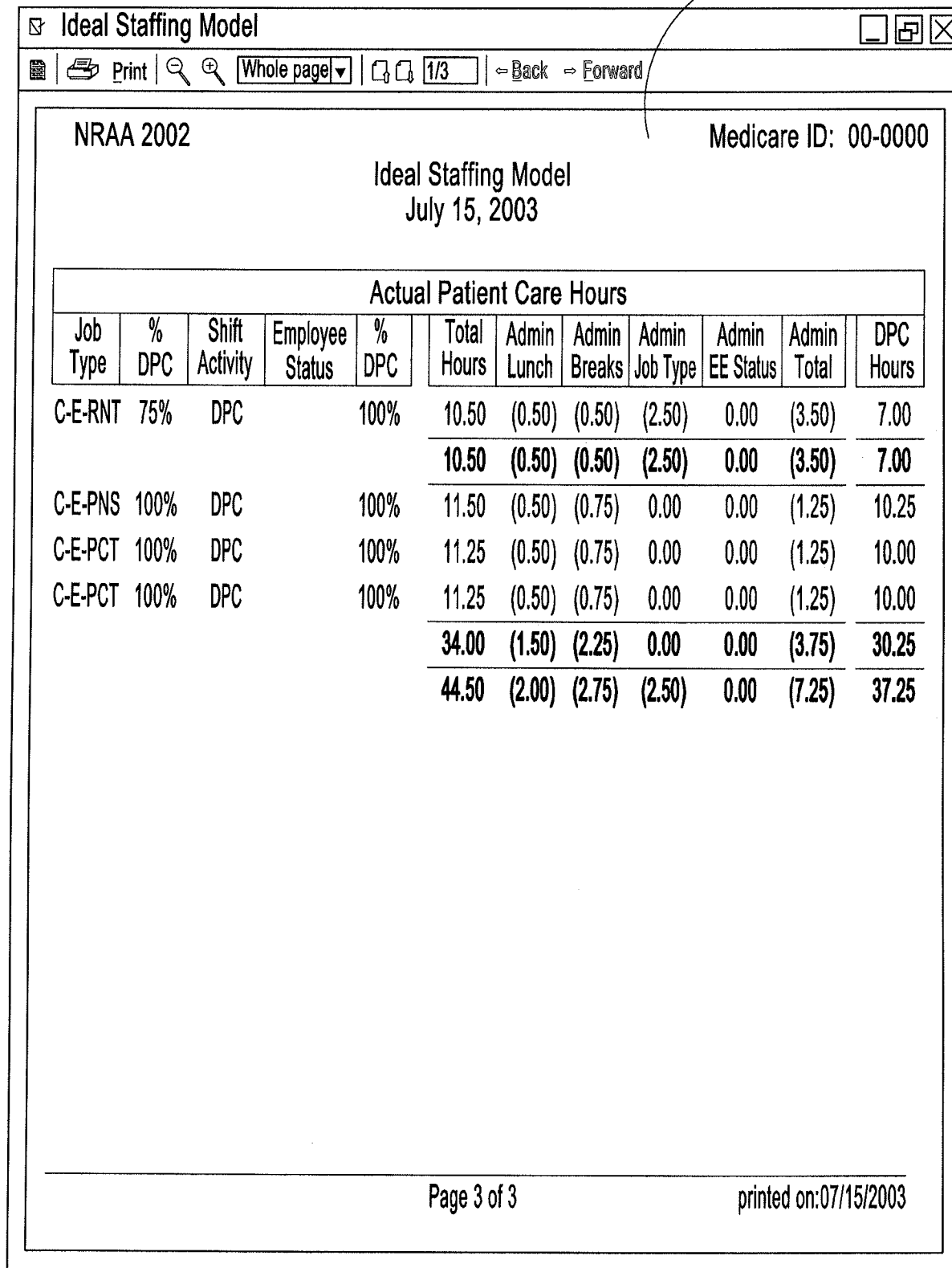


FIG.43

FIG. 44

Inventor: Thompson, Bruce
Docket No.: 40134.0001USII
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

[illegible]

FIG. 45

4600

FIG.46

Inventor: Thompson, Bruce
Docket No.: 40134.0001US11
Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT
Serial No.: 10/645,440

FIG. 47

FIG. 48

FIG. 49

5000

FIG. 50

REPLACEMENT DRAWING

Inventor: Thompson, Bruce

Docket No.: 40134.0001US11

Title: METHOD AND SYSTEM FOR SCHEDULING EMPLOYEES IN A PATIENT CARE ENVIRONMENT

Serial No.: 10/645,440

Gaia Scheduling - NRAA 2002 [Modeling 08/14/2003]

File Edit Location View Data Tools Patients Employees Forms Options Window Help

Model Form
Scheduling Date 8/14/03

Prior Week Sunday Monday Tuesday Wednesday Thursday Friday Saturday Next Week

	4:00 am	5:00 am	6:00 am	7:00 am	8:00 am	9:00 am	10:00 am	11:00 am	12:00 pm	1:00 pm	2:00 pm	3:00 pm	4:00 pm	5:00 pm	6:00 pm	7:00 pm	8:00 pm	9:00 pm	10:00 pm
1 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
2 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
3 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
4 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
5 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
6 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
7 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
8 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
9 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
10 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
11 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
12 [ACTV] STD	M	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
C-E-RNT 75% 10.50																			
C-E-PNS 100% 11.50																			
C-E-PCT 100% 11.25																			
C-E-PCT 100% 11.25																			
Activities	87	0	0	1	1	4	3	3	3	3	3	3	3	3	3	3	3	3	3
Staffing	171	0	0	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4
Difference	05	0	0	1	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1

5100

Change Scheduling Status

Add Time

Subtract Time

Add Section

Remove Section

Operational Definition

2 Patients Out | Employees Out | SCH/EFF 63.60% | HPT/ACT 2.56 | CPT/STD \$34.25 | HPT/IDL 1.74 | Facility Notes | Emp. Legend

FIG.51

FIG. 52